Application No. 10/551,168

Response dated: July 23, 2009

Reply to Office action dated: April 28, 2009

**AMENDMENT TO THE CLAIMS** 

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:** 

1. (Currently Amended) An organic silver composition, wherein the composition is

manufactured by reacting silver oxide on a mixture of one or more compounds selected from the

group consisting of amine-based compounds with one or more compounds selected from the

group consisting of organic compounds forming organic silver by reacting on silver oxide, and

thereby dissolving it, wherein said organic compounds are selected from the group consisting of

lactone-based compounds, lactam-based compounds, and carbonate-based compounds.

2. (Currently Amended) The organic silver composition according to Claim 1, wherein a

single organic compound or a mixture of one or more compounds as selected from the group

consisting of lactone-based compounds is used.

3. (Currently Amended) The organic silver composition according to Claim 1, wherein a

single organic compound or a mixture of one or more compounds as selected from the group

consisting of lactam-based compounds is used.

4. (Currently Amended) The organic silver composition according to Claim 1, wherein a

single organic compound or a mixture of one or more compounds as selected from the group

consisting of carbonate-based compounds is used.

5. (Cancelled)

6. (Original) The organic silver composition according to Claim 1, wherein it is

composed of 20~85 wt.% of amine-based compound, 10~20 wt.% of organic compound forming

organic silver by reacting on silver oxide and 5~40 wt.% of silver oxide.

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7. (Currently Amended) AnThe ink composition, wherein it is composed of the organic

silver composition manufactured according to Claim 1, an organic solvent and a surfactant.

8. (Currently Amended) The ink composition according to Claim 76, wherein it is

composed of 10~90 wt.% of the organic silver composition, 9.9~85 wt.% of the organic solvent

and 0.1~10 wt.% of the surfactant.

9. (Currently Amended) A method for manufacturing an organic silver composition by

mixing one or more compounds selected from the group consisting of amine-based compounds

with the organic compound according to Claim 2, then reacting silver oxide on this mixture and

thereby dissolving it.

10. (Currently Amended) A method for forming a conductive circuit by spreading a

conductive ink through an inkjet method, wherein the ink is composed of an organic silver

composition, an organic solvent and a surfactant, and the organic silver composition is

manufactured by reacting silver oxide on a mixture of one or more compounds selected from the

group consisting of amine-based compounds with one or more compounds selected from the

group consisting of organic compounds forming organic silver by reacting on silver oxide, and

thereby dissolving it, according to Claim 7 is used wherein said organic compounds are selected

from the group consisting of lactone-based compounds, lactam-based compounds, and

carbonate-based compounds.

11. (Currently Amended) An The ink composition, wherein it is composed of the organic

silver composition manufactured according to Claim 2, an organic solvent and a surfactant.

12. (Currently Amended) An The ink composition, wherein it is composed of the organic

silver composition manufactured according to Claim 3, an organic solvent and a surfactant.

13. (Currently Amended) An The ink composition, wherein it is composed of the organic

silver composition manufactured according to Claim 4, an organic solvent and a surfactant.

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14. (Cancelled)

15. (Currently Amended) AnThe ink composition, wherein it is composed of the organic

silver composition manufactured according to Claim 6, an organic solvent and a surfactant.

16. (Currently Amended) A method for manufacturing an organic silver composition by

mixing one or more compounds selected from the group consisting of amine-based compounds

with the organic compound according to Claim 3, then reacting silver oxide on this mixture and

thereby dissolving it.

17. (Currently Amended) A method for manufacturing an organic silver composition by

mixing one or more compounds selected from the group consisting of amine-based compounds

with the organic compound according to Claim 4, then reacting silver oxide on this mixture and

thereby dissolving it.

18. (Currently Amended) A method for manufacturing an organic silver composition by

mixing one or more compounds selected from the group consisting of amine-based compounds

with one or more compounds selected from the group consisting of organic compounds forming

organic silver by reacting on silver oxide the organic compound according to Claim 5, then

reacting silver oxide on this mixture and thereby dissolving it, wherein a single organic

compound or a mixture of one or more compounds as selected from the group consisting of

cyclic acid anhydride-based compounds is used.

19. (Currently Amended) A method for manufacturing an organic silver composition by

mixing one or more compounds selected from the group consisting of amine-based compounds

with one or more compounds selected from the group consisting of organic compounds forming

organic silver by reacting on silver oxide the organic compound according to Claim 6, then

reacting silver oxide on this mixture and thereby dissolving it, wherein said organic silver

composition is composed of 20~85 wt.% of amine-based compound, 10~20 wt.% of organic

compound forming organic silver by reacting on silver oxide and 5~40 wt.% of silver oxide.

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